

Abstract

BIOCHEMICAL ANALYZER

5 A biochemical analyzer is disclosed. The biochemical analyzer includes a detection disc sample feeding device, a detection disc device, an optical path detection device, and a temperature control device. The detection disc device includes a rotatable detection disc. The detection disc has a plurality of partitions, and each partition is correspondingly equipped with one chip to be detected. The detection disc is further provided with an optical limiting slot, and the optical
10 limiting slot cooperates with a first limiting optocoupler located on a side face of the detection disc to monitor the number of rotations of the detection disc. Each partition of the detection disc may be equipped with one chip to be detected, and multiple chips can be detected in one operation by using the rotatable detection disc. In addition, the optical limiting slot monitors the number of rotations of the detection disc, so that a chip centrifugation process during
15 detection is accurately controlled, thereby resolving a technical problem of improving detection efficiency through simultaneous detection of multiple chips.

(FIG. 2)